

TABLE I

cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:272	Early	LPZ-249	GCGGACGCCTCAATAGTTATGGAAGGGCAGCTGCACTACTTCAGCATGAGTGGAG GCCTAAAAGTTTTGTTAATCTTTCTGGTGAGGTGGACACCAAAGCCCTTCACAA GTGCAAAGGTGGGGCTATCTCTGGTTTTGAAGCCTTGAAGGATATGCACTATTTGG TACAGATTTAAGCGAAGGTCTGTGCCAAATTTTATTGGAATTTTGTGTTTTCTT TCAGAATAATTATTCAATGCCTGTGTTTTCTGTCGTCTTCTCGCAGCCGTA
SEQ ID NO:273	Late	LPZ-250	GCGGACGCCTTTTGCCCAATTAACATCCCTGCATCTGCGCATTAAAAATTGATTGC AGACCTGAGGTTAAGTGAAGCTTCTTCCACCATCTCTCCCCTGTTTAAGGAAGA CCCGAAACCCTAGCCACTGTCTCCTCTGTGACTTAAAAATCCAGTTCACCAACCTTA ACTCTGCGTCCGTAAAAATTCTGGGCAAACTGCACTGCCAATTGGTCATCATATCCT CTGAATTTGGCAAAGAAAACATAGGTCATTCTGTCGTCTTCTCGCAGCCGTA
SEQ ID NO:274	ND	LPZ-251	GCGGACGCCTCGTCAATCCATGGTTGTAAACATGCCTTCAAACTGTTTCCTTATGT CGCACAATGTCTACATGTTCCCTTGAGCGATTTTTCCTGCTGCATTGCGAGCCTCTG TGTAAGTCCCACTATCTGCGCTGTCCCTTTACTTCATAATACTTCTGTGCTCTTCT CGCAGCCGTA
SEQ ID NO:275	Late	LPZ-255	TACGGCTGCGAGAAGACGACAGAAAAAACTGTATACGAGTAGGCAGCGAGTCCTG GCAGTATGGGAGATTGAACTCCAATTACATTTAGTTACAAGTAGCATCAACAGTGAC TGAGCCAAGAGCTCTACACAGAAAAATAAAATAAACTGTATATATTACAGGAGA AACCCCAATGGCCTCAGGGCCTGAATAAATCAATCGCAGCGGTGGTCGATGTGGC CTTTTCAGGGCTGCAAACTCTTGAAGGGGAAGCCATCATCCTTGTCCGTATCCTT TTTGAGGGATAGCGAGCCACGCAGCCAAGATTTGAAGCGATTGAATACTTTGGGGT GTCGAGAACGCACCAGAACAAATGCCACTCGAGAAATACTACTGTGATTACTGTGAC AAACAATTCCAGGATACTCCCTCCGCTAGAAAGCGACATCTACAAGGCGTGCCG
SEQ ID NO:276	Late	LPZ-256	GCGGACGCCTGTACCGTATTGGAATTCTAAACCTTCTCTTGGTATAGGGTTTTCGC CACCCTTGCGTTCAATTTGGTTTTGTATTACGTCCGATTCTCCGTCTGCGAGCTCTC TGCAACTTGGCAATTTCAATTGTGATTTTATCCTATGATGCTTCGATTTGTTGAAGC TCGTCTCTAGTTCTCTGTGATACCAAGTTGGTAGTCTGCAAGTTTCGATGTGGGT TCTTTTAGCTGGTCTGGGGTTTTGTTGCTCTGAGTATGTTGAGCTGCATGCTCGTG GCGGTCTTCACGGCTCCATTTGTTTGGGAATCTGTTGTGGAAGTGTCTCGGTCTCT GTGGAAGTGTGGAACCTGGTAAGATTTGTTTATCTGCTTGTGTCTAACTGTTCTT GAGTTTTCTGTCGTCTTCTCGCAGCCGTA
SEQ ID NO:277	Late	LPZ-257	GCGGACGCCTGCTGTTGAAGAAGGATGAAGTCATTGTCTGCGGCCCTGTTTCAGCA TGATTTTCGGCATTCTTAATCTGGTCAACCAGTCAGAAGGTGGCGCTGAAGGTGACG AAGAGGCAACCTGGGTAGCTGCACTGGAACTCAAGCTGCAAGGGGCACCGACCC TCAGACTTCGCGCGATTAACTTCTCCCTCTGGCTAAGTCGATGCCAAGGTCTTGT TCTGGGTTCTTCTCTCTGTTTCGCATGTTGTTCTTCTCTGTTTCATTTGTTTTCT TCTGTCGTCTCTCGC
SEQ ID NO:278	Late	LPZ-258	GCGGACGCCTGCACATACAAAGAACGACAAAAACAAAGCATAAATCCAATAGAT GCAACTATATATCAAGTCAGAAATGATATAACTCATCATTATTACAAAGAACAATAAG AGTGAACCATATAATAGTCGTCTATTATTGATAAATAAAGAAGAATACAACCAT GTTCTGTGCTCTTCTCGCAGCCGTA
SEQ ID NO:279	Late	LPZ-260	GCGGACGCCTGTATAACATGCACCAAGAGACCCAATCAAAGCACATGCAATCTGTA TATATAGCAGAATAACAGCCAGGGATTGCACTCTATCGTAATCGCGAAACCACGCA CTAATATGTGCCATGCTGATGATGCACACAGCATGTTCTGTCGTCTTCTCGCAGC CGTA

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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:280	Late	LPZ-261	GCGGACGCCTGAACTGTATAGAGTTGAACTTGAGGGAAGGCTTGCTGCCACCAA AGCCTCCCTCCTCTTTCTTGCGGGTTCGTACCTCCTTTCGCGTCAGAGCCCCAA TTCCCTCCTGCGCACACCAGCAAACGTCATCGAATGTTTTTCCACCATTCTGTAA ATTCCCTCGGAGTTACCTTGGGGCAGAAGCCGATTGAAGAGCATTGAATGCTATT CATTATCCCACCGTAAACTACCATTGCAACCTGCCTGTGTATCGACCCGCTGTCCT CTACGCGTGGCTGGCACATGGCGTCGTTAATTGCATGTTGACACCCGATCCGGG TGTGCTTGTGTGCTCGTCTGCATATCATGTTTTAGGATCTCATAGAAGGTGGACCA TTCTGTCGCTCTCT
SEQ ID NO:281	Late	LPZ-264	GCGGACGCCTCTTACAATGTCTCTTAAAGATTGAAAGATTGTCTTGCTGCAACC ATAACTTCCGCGTGCTTTCTTATTAATGCAACCCACTGTGATCCTTTCGCCATTTA TCCTTTCGAATGGTTGGAGCCATTTTGGGTTGTACCGACTAGCTTTTGGGTCTAC AAAGCTGCTACAAAACCTCTTGGAGATGACATTACATAATCATATGTATAGCTGAA GTTGTACAAAGGTACACAACATCTGAAACCAAAATGAATCTCTCGTTAGCTGATC CTCGAGTGCTTTCCTAAGTAGAATACGCTCCGCTTCTATCATACTGGCTTCTCCCA AAGTACCTGTATGCTATCACTAAGCTGCCAGCCGTAACAAAATGTACATTCTGTCGT CTTCTCGCAGCCGTA
SEQ ID NO:282	E,M	LPZ-265	GCGGACGCCTTGCTAGGAGAGCTCTACGCCATTATTTGAACGATTGAGCCGAAGTT TCACCGTTTAAAGGCATTTGTGTCCCAGAGGTTATTGGAGATTAGCAGCTTGATTT GGCTGCTTCGCTCAGCGCCGTGATTGAGCTTTTATTGATTCTCTCCAGTTTCATAA CCTGTAACGACAATGGCAATGAAGACCTACACATTTGCAGTGGCAGCTGCGTACGC TGATGCTGTATGTTGCTCTCTTTGGCATCGCAAAGGCTGCTGATGCACCGTCTC CCAGCCCCGTTACTGGCGCGGGTTCATGGACTTCGTTCTTCTGTCGCTTCTCG CAGCCGTA
SEQ ID NO:283	Middle	LPZ-266	GCGGACGCCTTATCAGCTGGGGGCATTATAGGTATGAAATTCAGATCAACTTCA GTGGACAGTATGTGGATTTAGGCGACCTGTGACAGTTACAGATATCTATTCACTTCT ATCCAGAGACAGATTCCTACTCACCTCCGCTTCCCATATATTTTCTGGAAGGC ATCATGTCTCCCAAATTTACTCATTTTGCCTGGCCGTCGTTTTACAA
SEQ ID NO:284	Late	LPZ-268	GCGGACGCCTGTTGCCACAGAAGAATGAATAATGCTTCAAATTTGAGACCTTTC GGAGGAAAATCCTTGTTCTTACTGCCTAACCACTCATGATGATCTGCGTCACGCTG ATTATGAGCTGCAATTTAAATTATTTAGATGAAACATTCCCATATTGAGCTTGAGA CAAGTTGCAGACCCTTCAATTTAGTTCTGTCGCTTCTCGCAGCCGTA
SEQ ID NO:285	Middle	LPZ-269	GACGTTGTAAACGACGGCCAGGATTAAGGTTTCATGAGCTCCGCAACAAGAGCAAA TCAG
SEQ ID NO:286	Late	LPZ-270	GCGGACGCCTCTAGGAGCCGGCGGAATTCCTGTGAGCTCGAATTTGCCGAGCAG GTTATTGTCCTTCGTCCGCGCTCGCTCACCTTCATATACTTGAATTAGAACCCAG GCTGATTATCTGAGTAAGTTGAGAAAATCTGCTCCTTCTGGTTGGAATGGTGGTG TTCCTCGGTATTAATACTGTCACTACACCTCCCGCTGTCTCCAACCCAGACTTAAT GGCGTGACATCTAGCAACAGCAGGTCCTGCACCTTCTCGTTGCCTTCGCCGCTGA GAATGGCAGCCTGCACAGCTGCACCATATGCCACGGCTTCGTCTGGGTTAATGCT CTTACAAAGCTCTTTGCCATTGAAGAAATCTTGAGCAATTGTTGACTTTGGGGAT ACGAGTCGAACCCCCGACCAAGACGACATCATCTATTTGGCTCTTGTCCATCTTAG CATCTTCGCATACATTTCTCCACAGGCTCCATACTTCTCCTGAAAAGATCCATGTTG AGTTCCTCGAAGCGAGCTCGCGTAATTGTGGCGTAAAAATCAATTCCTTCATATAG AGAATCAATCTCAATCGTTGTCTGTGTAGTAGAAGACAGCGTTCTTTTTGCCCTCTC ACATGCTGTTCTCAGCCTGCCAAGAGCTCTGGCATTCCCGCTGATGTCTTTCTGT GCTTTCTTTTGAATTCCTGCACAAAGTGATTACCATTCGTGCTTCTCGCAGCC GTA
SEQ ID NO 287	Late	LPZ-271	TAGCCATCGCCATTTCTATAATCTTAGGATCCTTGCTGAACGATAAGCCCATAAAAT TGATGCACTGCCTCGCTATCCCTGGCCGTCGTTTTACAACGTC

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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:288	Middle	LPZ-272	GACGTTGTAAACGACGGCCAGGAAATTACAGCTACCTCTAACTGGTTTGACGGCG TTGCATCTTATGAGCCGCAAGGGTTCAATCCTCTGCGGGCCAGATCTGCGATGG AACCCCTGGGCGAGTGCAATGATGATGAAGAAGAGTTTGGATGGATTCTGAAGCG CACGGGAGGCTTCTGAGGAGGATCCGTTACTATATCAGCTACGGAGCATTGGCTG CTAATCGCGTTCTTGCCGACCTCGGTCTGGGAGGTCTTATTACACTCGGAATTGT TACGGCGCAACAGGCCCCGTGACACCTTACCACAGAAGCTGCACTGCTATCACTC GTTGCAGGCGTCCGC
SEQ ID NO:289	Middle	LPZ-273	GCGGACGCCTGGGAAGCAATGGATGGGTGGCTAGACGCCATCCGTCTTGTGTATA CTATTTTTGCACGCGGAAAGAGTGATGTCCTGGCCGTGTTTTACAACGTC
SEQ ID NO:290	Late	LPZ-274	GACGTTGTAAACGACGGCCAGATTCAAAAGAAAAATCCTCACTTCTTGGCTCCG TTTGGCTCCCGCCGAAGCTCCTCTGCAACCCCTCTGCAGCGTACACTGCATCCC GCTCGCGGTGCTGGCTCACCTCGCAGGTCCGCTGACGGTAAATGGTTTCCAATAA AGCTATTTGTCCTCTACCCAAAATCCATCTAGCATTGCTTGTGGATTGACATTCTGC CATTTCTGCTTTTCTGGTTGATATGCAAAGATTGAAAGCCCAATTGCAAGCAGTG GTCGTGGATTCACTATAAGGCGTCCGC
SEQ ID NO:291	Late	LPZ-275	GACGTTGTAAACGACGGCCAGGAATAAAACAAAGCATCACTGCAAAATTTCAAAC GTGGTAATAACGGCTAGCCAGCTCGACGTGAAGGCAGTGGGGGCCCTTGAGGTTGC CTTTTGGCGTTCAAAATTGGCTAGACTACCATAACATAAATATTGATTCTCAGTGA CATCACTGGTTTGGAGTCATCCACAGCCTGTGCACCAGTACGGCAATTGCCTTTTA CATGAAGCCATCCTTTCACTTTTACTTTTGAGATTCTCAGAAGTGAAGGGCTAGGC GTCCGC
SEQ ID NO:292	Middle	LPZ-276	GACGTTGTAAACGACGGCCAGCACCTTCCTAGTCCCCTGTTCCATTCTCTGAAA TAGGAGCAGTTTGACCCAGTCCAGTTTTCAAGATTGAGAATATGAAACAAAGAACCT AAGCATATGAGAGAACATACAAAGACTTTGTATAAACTACTTTTACAGGATCTCAA CAGCCCTCTGCTGAGATCCATTTGATACAAGGCCCTTGATCTCCACCCTCTCCC TTATCACCTCCACTAGAAAGATGATGGAAAGCAGACACATGGAATGTTGCTGCAG GCGTCCGC
SEQ ID NO:293	Middle	LPZ-277	GACGTTGTAAACGACGGCCAGTTAGGTTGTATATTGATTGATGACTCTTTGACTCC ATTTATGAAACATCTTTGTTCTCGAGATTTAATCAGTATTAAGCTTTTCAAGTGAAG TTCAGTTTGATCTGCATAAACCTGATCCACCATATCTACATCACATCTAAATTACTA AAATGTGAGGAGATGGAATTTGTTTCTGAGAATCCCTATTCTCATCGACACTGTT TACTGGATCAGATCCAATCAAACCTTTGAGAAGTAATCTCTGGAAGAAATTAATAA GTCTTTACCTGAATTATCTCGATATCAGAAGCAGAAATTATGATACATAGACTTCTTA ATAATGAAGAGTCATTTTGCCAACGTTGCTTTGCCACCCACCAATCCCCATGATC CCAAAGATCTGAGGTTTCCATCTCTATGTGGCTGTGATAACACTGGATTTTCAAAA ATCTTCTACTTTTCGATCCAAACCTTTTGGGATATTT
SEQ ID NO:294	Late	LPZ-278	GACGTTGTAAACGACGGCCAGGGGATGGGAGATACAGAAAGATTCCGGATAAAA AGGGAGCAATGAACGGCTGGTTAAAGCGTAGTCCACCACACTAGCCCCACCTCCA TGAGGCCCTACACGTGAAGAAGCAGGATTCTGGGAAGCGCGAGAGGCCGTTCAAGA TTATCAGCTCATGTATTGCCCCAAGTCAAAAGATGTCTACCGTAGGCTGTGATG GGGCCCAAGGCGTCCGC
SEQ ID NO:295	Late	LPZ-279	GCGGACGCCTATCAGATGGGTGAGTTGACCGACATTTATCGTCCGATAAATGTTTG AGGCTGATGTCATGGCAATCCACGTGTCTGCACCATATTTATCGGAGCCCCCTCGT CGGAATATTCCATCGCCGAGAGCTGGCGCGATAGGTTTCAGGCGGCCGTTTCT GGTTTGCAGCTGTGGCTTCCCGCGCCTTAACTGTTGGCCCGCGCGCACAGGG GAAATTACAAATTTCAACATATCCAATACCATCATATAACCCAACAACACTAGCAACA GATCCTGTTCTGTGCCATCGTCCAACCTCTTGA

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